

WHAT IS CLAIMED IS

1. A chucking method of a disk apparatus comprising a chassis outer sheath including a base body and a lid, in which a front surface of said chassis outer sheath is formed with a disk inserting opening into which a disk is directly inserted, a traverse provided on said base body holds a spindle motor and a pickup,

a slider mechanism is disposed on one end of said traverse,

said slider mechanism includes a cam mechanism which moves one end of said traverse toward and away from said base body, and a slider cam mechanism which moves said traverse in an inserting/discharging direction of said disk,

the other end of said traverse is supported on said base body by a fixing cam, and

said traverse is moved by said slider cam mechanism in the inserting/discharging direction of said disk and with this, said fixing cam moves the other end of said traverse toward and away from said base body, wherein

the chucking method comprises

a first step for moving said traverse toward said fixing cam, thereby separating the other end of said traverse away from said base body,

a second step for separating the one end of said traverse away from said base body, thereby fitting said disk to a hub of a spindle motor, the second step being carried out after the first step, and

a third step for moving the one end of said traverse toward said base body, the third step being carried out after the second step.

2. The chucking method of the disk apparatus according to claim 1, wherein said traverse is moved toward said fixing cam after the second step, thereby separating said disk away from said position limiting member.

3. A chucking method of a disk apparatus in which a traverse holds a spindle motor and a pickup, and said disk apparatus includes a cam mechanism which moves one end or the other end of said traverse in a direction perpendicular to a base body, and moves said traverse in a horizontal direction with respect to said base body, wherein

the chucking method comprises

a first step for moving said traverse in the horizontal direction, thereby separating the other end of said traverse away from said base body,

a second step for separating the one end of said traverse away from said base body, thereby fitting said disk to a hub of a spindle motor, the second step being carried out after the first step, and

a third step for moving the one end of said traverse toward said base body, the third step being carried out after the second step.

4. The chucking method of the disk apparatus according to claim 3, wherein said traverse is moved in the horizontal direction after the second step, thereby separating said disk away from said position limiting member.

5. A disk apparatus comprising a chassis outer sheath including a base body and a lid, in which

a front surface of said chassis outer sheath is formed with a disk inserting opening into which a disk is directly inserted, and a traverse provided on said base body holds a spindle motor and a pickup, wherein

a slider mechanism is disposed on one end of said traverse,

said slider mechanism includes a cam mechanism which moves one end of said traverse toward and away from said base body, and a slider cam mechanism which moves said traverse in an inserting/discharging direction of said disk,

the other end of said traverse is supported on said base body by a fixing cam,

said traverse is moved by said slider cam mechanism and with this, said fixing cam moves the other end of said traverse toward and away from said base body.

6. The disk apparatus according to claim 5, wherein said traverse is moved by said slider cam mechanism, thereby separating said disk away from a position limiting member.